

Non-Road Excavator
5-Year Activity Life

Use the Column corresponding to the Horsepower Range and Emissions Model Year of the engine being replaced
Use the Row corresponding to the Certified NO_x Emissions Standard or Family Emissions Limit (FEL) of the replacement engine (if between the numbers listed, use the higher rate).

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range and Emissions Model Year</i>												
	25 - 49				50 - 74				75 - 99				
	pre-1999	1999 - 2003	2004 - 2012	2013 - 2016	pre-1998	1998 - 2003	2004 - 2007	2008 - 2016	pre-1998	1998 - 2003	2004 - 2007	2008 - 2012	2013 - 2016
5.320	\$2,367				\$7,340				\$10,300				
4.655	\$3,204	\$2,631			\$8,743	\$4,735			\$12,269	\$6,645			
4.560	\$3,323	\$2,750			\$8,944	\$4,936			\$12,550	\$6,926			
3.325	\$4,878	\$4,305	\$2,511		\$11,549	\$7,541	\$4,208		\$16,205	\$10,582	\$5,905		
2.850	\$5,476	\$4,903	\$3,109		\$12,551	\$8,543	\$5,210		\$17,611	\$11,988	\$7,311		
2.500	\$5,916	\$5,344	\$3,550		\$13,289	\$9,281	\$5,948		\$18,647	\$13,023	\$8,347		
2.000	\$6,546	\$5,973	\$4,179	\$1,668	\$14,343	\$10,336	\$7,003	\$2,795	\$20,127	\$14,503	\$9,827	\$3,922	
1.500	\$7,175	\$6,602	\$4,809	\$2,297	\$15,398	\$11,390	\$8,058	\$3,850	\$21,607	\$15,983	\$11,307	\$5,402	
1.000	\$7,805	\$7,232	\$5,438	\$2,927	\$16,453	\$12,445	\$9,112	\$4,904	\$23,087	\$17,463	\$12,787	\$6,882	
0.300	\$8,686	\$8,113	\$6,319	\$3,808	\$17,929	\$13,922	\$10,589	\$6,381	\$25,159	\$19,535	\$14,859	\$8,954	
0.000	\$9,063	\$8,491	\$6,697	\$4,186	\$18,562	\$14,554	\$11,222	\$7,014	\$26,047	\$20,423	\$15,747	\$9,842	\$888

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range and Emissions Model Year</i>														
	100 - 174					175 - 299					300 - 599				
	pre-1997	1997 - 2002	2003 - 2006	2007 - 2011	2012 - 2016	pre-1996	1996 - 2002	2003 - 2005	2006 - 2010	2011 - 2016	pre-1996	1996 - 2000	2001 - 2005	2006 - 2010	2011 - 2016
6.900	\$12,118					\$19,351					\$39,761				
6.745	\$12,841					\$20,601					\$42,131				
5.320	\$19,483					\$32,091					\$63,923				
4.655	\$22,582	\$10,464				\$37,453	\$18,102				\$74,093	\$34,332			
4.560	\$23,025	\$10,907				\$38,219	\$18,868				\$75,546	\$35,785			
3.325	\$28,781	\$16,663	\$6,199			\$48,177	\$28,826	\$10,724			\$94,432	\$54,671	\$18,886		
2.850	\$30,995	\$18,877	\$8,413			\$52,007	\$32,656	\$14,554			\$101,696	\$61,935	\$26,151		
2.500	\$32,627	\$20,508	\$10,044			\$54,829	\$35,478	\$17,376			\$107,049	\$67,288	\$31,503		
2.000	\$34,957	\$22,839	\$12,375	\$3,962		\$58,861	\$39,509	\$21,408	\$6,854		\$114,695	\$74,934	\$39,149	\$12,999	
1.500	\$37,288	\$25,169	\$14,705	\$6,292		\$62,892	\$43,541	\$25,439	\$10,885		\$122,342	\$82,581	\$46,796	\$20,645	
1.000	\$39,618	\$27,500	\$17,036	\$8,623		\$66,924	\$47,572	\$29,471	\$14,917		\$129,988	\$90,227	\$54,442	\$28,291	
0.300	\$42,881	\$30,762	\$20,298	\$11,885		\$72,568	\$53,217	\$35,115	\$20,561		\$140,693	\$100,932	\$65,147	\$38,996	
0.000	\$44,279	\$32,161	\$21,697	\$13,284	\$1,398	\$74,987	\$55,635	\$37,534	\$22,980	\$2,419	\$145,281	\$105,520	\$69,735	\$43,584	\$4,588

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range and Emissions Model Year</i>				
	600 - 749				
	pre-1996	1996 - 2001	2002 - 2005	2006 - 2010	2011 - 2016
7.200	\$57,369				
6.900	\$64,253				
6.745	\$67,810				
5.320	\$100,510				
4.655	\$115,770	\$51,517			
4.560	\$117,950	\$53,697			
3.325	\$146,291	\$82,038	\$28,340		
2.850	\$157,191	\$92,938	\$39,240		
2.500	\$165,222	\$100,969	\$47,272		
2.000	\$176,696	\$112,443	\$58,746	\$19,505	
1.500	\$188,170	\$123,917	\$70,220	\$30,979	
1.000	\$199,644	\$135,391	\$81,693	\$42,453	
0.300	\$215,707	\$151,454	\$97,757	\$58,516	
0.000	\$222,591	\$158,338	\$104,641	\$65,401	\$6,884